

Notice of Allowability

Application No.

09/896,818

Applicant(s)

NOZAWA ET AL.

Examiner

Stanetta D. Isaac

Art Unit

2812

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 09/22/03.
2. ☒ The allowed claim(s) is/are 1-10, 12-20, 22, 25, 27, 29 and 34-36.
3. ☒ The drawings filed on 06 June 2002 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.
5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 - (a) ☐ The translation of the foreign language provisional application has been received.
6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☐ CORRECTED DRAWINGS must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No. _____.
 - (b) ☐ including changes required by the proposed drawing correction filed _____, which has been approved by the Examiner.
 - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet.

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1 <input type="checkbox"/> Notice of References Cited (PTO-892) | 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 4 <input checked="" type="checkbox"/> Interview Summary (PTO-413), Paper No. _____ |
| 5 <input type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. _____ | 6 <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9 <input type="checkbox"/> Other |

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with G. Gregory Schivley on 10/29/03.

Please **delete** original title of the application and **insert instead--** A DISPOSING METHOD FOR SEMICONDUCTOR ELEMENTS

The application has been amended as follows: non-elected traversed claims 30-33 have been cancelled. In additions claims 20, 24 and 28 have been cancelled.

In claims 1 and 2, lines 9 and 11 respectively, following " corresponds to the pixel or the plurality of pixels formed thereon " **insert--**, having a hole therein.

In claims 10 and 22, lines 18 and 17 respectively, following "the second connecting terminals which are disposed on the second base board" **insert--**, having a hole therein.

In claims 17 and 18, both line 6, following "to the pixel or the plurality of pixels formed on the base board" **insert--**, having a hole therein.

In claim 25, line 13, following "on a second base board" **insert--**, having a hole therein.

In claim 29, line 11, following "base board" **insert--**, having a hole therein,

2. The following is an examiner's statement of reasons for allowance: Applicant's independent claims 1, 2, 10, 17, 18, 19, 22, 25, and 29 are allowed over the prior art of record because none teach or render obvious a manufacturing method for an organic EL display which

is provided with a semiconductor element for driving an organic EL element for a pixel or a plurality of pixels, comprising the steps of disposing each unit block on a second base board such that each unit block corresponds to the pixel or the plurality of pixels formed thereon having a hole therein where the disposing method for a semiconductor element characterized in that by arranging a hole which penetrates in a thickness direction through the base board (second).

Smith et al. US Patent **6,420,266** discloses the semiconductor method however, fails the step of arranging a hole which penetrates in a thickness direction through the base board (also called display base board) made of a glass material between the concavities of the base board.

3. All dependent claims are also rendered allowable.
4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."
5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stanetta D. Isaac whose telephone number is 703-308-5871. The examiner can normally be reached on Monday-Friday 7:30am -5:30pm.
6. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Nebling can be reached on 703-308-3325. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.
7. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

Application/Control Number: 09/896,818
Art Unit: 2812

Page 4

Stanetta Isaac
Patent Examiner
October 29, 2003

A handwritten signature in black ink, appearing to read 'Stanetta Isaac', located below the typed name.